

Conductors and Insulators
14 Questions

GRADED PRACTICE
4TH GRADE

1. Is Iron a Conductor or Insulator?

☐ A Conductor

☐ B Insulator

2. Which is NOT an insulator.

☐ A Plastic

☐ B Glass

☐ C Copper

☐ D Wool

3. Is Wood a conductor or Insulator?

☐ A Conductor

☐ B Insulator

4. What is the difference between a conductor and an insulator?

☐ A An insulator allows electricity to flow through it easily and a conductor does not

☐ B An insulator is magnetic and a conductor is not

☐ C A conductor allows electricity to flow through it easily and an insulator does not.

☐ D A conductor is magnetic and an insulator is not

5. A great conductor of energy is:

☐ A wood

☐ B cloth

☐ C metal

☐ D plastic

6. Olivia wanted to complete her circuit with a conductor. What object is her best option?

- | | | | |
|----------------------------|------------|----------------------------|---------------|
| <input type="checkbox"/> A | Glass bead | <input type="checkbox"/> B | Aluminum foil |
| <input type="checkbox"/> C | Wood stick | <input type="checkbox"/> D | Styrofoam |

7. What is the BEST example of a conductor?

- | | | | |
|----------------------------|----------------|----------------------------|---------------|
| <input type="checkbox"/> A | A glass cup | <input type="checkbox"/> B | A ceramic mug |
| <input type="checkbox"/> C | A wooden block | <input type="checkbox"/> D | A metal bowl |

8. A jacket is a good example of an ...

- | | | | |
|----------------------------|--------------|----------------------------|--------------|
| <input type="checkbox"/> A | Conductor | <input type="checkbox"/> B | Interrogator |
| <input type="checkbox"/> C | Investigator | <input type="checkbox"/> D | Insulator |

9. Which is NOT an insulator.

- | | | | |
|----------------------------|---------|----------------------------|-------|
| <input type="checkbox"/> A | Iron | <input type="checkbox"/> B | Wool |
| <input type="checkbox"/> C | Plastic | <input type="checkbox"/> D | Glass |

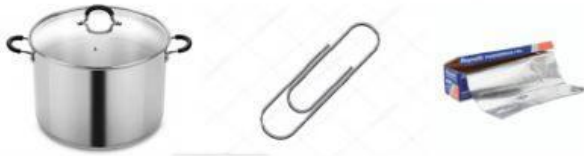
10. Rubber is a insulator.

- | | | | |
|----------------------------|------|----------------------------|-------|
| <input type="checkbox"/> A | true | <input type="checkbox"/> B | false |
|----------------------------|------|----------------------------|-------|

11. Mittens help keep your hands warm in winter because

- | | | | |
|----------------------------|---------------------|----------------------------|---------------------|
| <input type="checkbox"/> A | they are colorful | <input type="checkbox"/> B | they are insulators |
| <input type="checkbox"/> C | they are conductors | <input type="checkbox"/> D | they are fuzzy |

12.



These are examples of

A

Insulators

B

Conductors

13.



These are examples of

A

Insulators

B

Conductors

14. _____ are materials that ALLOW heat and electricity to move easily through them.

A

Conductors

B

Insulators